	f Claims	

Application No.	Applicant(s)	
09/890,019	BLUM ET AL.	
Examiner	Art Unit	
Michael J Feely	1712	

1	Rejected	[-
=	Allowed	=

-	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected		<b>F</b>
ı	Interference		C

A	Appeal
0	Objected

			_									_			_		_
	C	laim	4			_	_			D							
	Final	Original	,	7/15/04	11/19/04	5											
	1	1 2 3	7	1	=	1		7		†	_	-	$\dagger$		Ħ	-	-
		2	I		Γ-	. [				T	_	Г	T	_	T		
	_2 _3	3	$\perp$	1	=			T		Τ		Г	T		T		
	_3	4	1	٧	=		_	Т		Τ	_		Т				
	4	5	$\perp$	- V V V	Ŀ	Ι				Γ			T				
		6	1	1	_			$\perp$							Γ	٦	
	5	7	4	√ √	=	1		$\perp$									
	6	8	4	<b>√</b>	Ξ	1	_	1		L							
	7	9	4	1	=	1		4	_	L			1		L	_	
ŀ	9	10	4	1	=	4	_	+		L	4		L		L	4	
-		11		1	=	4.	_	+		Ļ	4		╀		L	4	
ŀ	12	12	+-	1	=	+	_	+	_	L	4		╀	_	L	4	
ł	10 12 14	14	╁	1	=-	+	_	╀		Ļ	-		╀		-	4	_
ł	16	12 13 14 15 16	+	j	=	╁	-	╁	_	H	+	_	╀	-	_	+	
Í	16 18	16	┿	1	=	+	-	╁	-	├	+		╁	_	_	+	-
ŀ	20	17		ì	=	╁	_	+	_	┝	+		╀	_	_	+	_
Ì		18		o	_	t	_	$\dagger$	_	H	Ť		╁	-	_	+	_
Ì	21	19		₹	Ī	t	_	+	_	-	7		┢		_	+	
ı	22	20	1	<b>7</b>	=	t	_	十	_	┢	+		╆	┪	-	†	
Ī	11	21		<b>V</b>	=	t	_	t	T	-	†		t	┪	-	+	-
ľ	13	21 22		V	=	t		t		-	†		t	Ħ	_	+	
I	13 15	23 24	1	1	=	Ť		T		Т	†	_	┢	7	_	$^{\dagger}$	$\dashv$
	17	24	1	V	=	Ī			7		1		T	1	_	t	$\exists$
L	19	25 26	Ŀ	V	=	L			7		1			7		Ť	T
L		26	L			L		L					Г	İ		T	
ļ		27	L	4		L	_	L	╛		1			I			
ŀ		28 29	Ļ	4		L	_	L	4		1		L	┙		I	
F		29	L	4		Ļ	_	L	4	_	1		L	1		$\downarrow$	
ŀ		30	-	+		L	_	L	4	_	1		L	4	_	ļ	ᆚ
$\vdash$		31 32	╀	+		┝	_	⊢	4	_	╁		L	4	_	Ļ	4
H		33	╁	+	_	H	_	_	+		╀		_	4		L	4
H		34	┝	+		<u> </u>	4	-	+		╀			+		╀	4
r		35	┝	+		_	-	H	+		+		_	+		╁	$\dashv$
r	_	36	-	+	-	-	_	┝	+	_	t	-	_	+	_	╀	$\dashv$
r		37		十	٦	_	_		†	_	t	-	_	+		┝	$\dashv$
Γ		38		1		_		_	T		t		_	†		┢	1
		39		Τ			1		T		T		_	Ť		t	
L		40					1		T		T	7		T	_	T	╛
L		41					1		Ι		Ι			T		Γ	7
L		42		1	_]	_	J		I			Ī		Ι			]
-	$\dashv$	43		1	4		4		1	_	L			Ĺ			
L		44		+	4		4		1	_	L	4		L		L	
L		45		+	4		4	_	ļ		L	1		L	_	L	_
_	-	46		+	4	_	4		ļ		L	4		L	_	L	_
-	$\dashv$	47 48		+	+	_	+		+	_	L	+		1	_	L.	4
_	$\dashv$	49		+	+		+	_	╀	-	L	+	_	┞	4		4
		73		1	- 1		1		1			- 1		1	- 1		- 1

Г	Cla	aim	_			_	_	_	_	ח	a	te.					_
		1			T		Г	٦	_	Ť	_	Ť	Т	_	Г	Т	_
i	Final	Original	6														
		51				_		1	_	$\dagger$	_	t	$\dagger$	-		+	
L.		52	2 [		Γ			T		Т		Г	T			7	
		53		_	Γ	Ī		7		T	_	T	7			7	_
		54				Ī		T		1	_	T	+	$\exists$	_	+	_
$\Gamma$		55	;  -	-	Γ		Г	7	_	Ť	_	t	+	$\dashv$	_	+	
		56	;	_	r		Г	7	_	$^{\dagger}$	_	t	+	-	_	╁	_
		57			r	٦	-	1	_	$^{\dagger}$	_	✝	$^{+}$	7		+	-
		58	1		-		_	7		+	-	t	十	┪	-	+	
		59	寸	_	Т	7		7		$\dagger$	_	┢	+	7		+	
		60	$\top$	٦	٢	1	_	$\dagger$		†	_	H	+	$\dashv$		+	-
		61			_	٦		Ť	_	$^{\dagger}$		T	+	7		┿	-
		62				7		†	_	$\dagger$		T	+	7		$\dagger$	_
		63	Т			7	_	†		T			$\dagger$	$\dashv$		$\dagger$	
	$\Box$	64	1	1		7	_	†		Ť		Г	T	7	_	T	_
	$\Box$	65		J		1		1		Τ		Γ	$\top$	$\top$		T	_
		66		Т		1		Ţ		Т			1	7		T	_
	$\perp$	67	$oldsymbol{ol}}}}}}}}}}}}}}$					Τ	_	T	-	Г	T	7	_	T	
L		68			_		_	I		Ι			T			T	
L	$\perp$	69								Τ			T	T		T	_
L	$\perp$	70	$\perp$					Ι		Γ			Τ			Τ	
<u></u>	_	71	$\perp$	1		I				L			Τ	1		T	
$\vdash$	$\dashv$	72	_	4		1		L		L				$\Box$		I	
$\vdash$	$\dashv$	73	<u> </u>	$\downarrow$	_	1		l		L				$\perp$			
	-	74	╀-	4	_	4		1		L		!	┖	1		L	
-	+	75	+-	+	_	4		1		L	4		╀	4	_	L	
-	+	76 77	+	+	_	+	_	╀	_	L	4		$\perp$	4	_	▙	_
-	+	78	┿	+	-	+	_	╀		}-	4	_	╁	+		┡	_
-	+	<del>70</del>	┿	╁		+	_	╀	_	H	+		⊢	+		L	_
$\vdash$	+	80	+	+		╀	-	╀	_	┝	+		╀	+	_	┡	_
-	+	81	┿	+		╁	_	⊦	_	┝	+		Ͱ	+	_	-	_
<u> </u>	+	82	┰	+		╁	_	╁		├	+	-	⊢	+		-	-
一	+	83	+-	t		╁		╁	-	⊢	+		-	+	_	$\vdash$	4
$\vdash$	$^{+}$	84	+-	+		$\dagger$		╁	-	H	+		$\vdash$	+		-	$\dashv$
	$\dagger$	85	1	t	_	t	_	t	-	-	+		╁	+	_	├	┨
	+	86	$\vdash$	t	_	t	_	t	┪	_	+		1	+	-	$\vdash$	4
Г	+	87	†	t	_	t	_	H	-	_	+		$\vdash$	╁	-	$\vdash$	$\exists$
	T	88		T		T		r	7		t		H	+	۲	-	1
		89		T	_	T			1	_	T		T	T	٦	_	1
	$\perp$	90		Ι	_	Ι			7		1			T		_	1
<u> </u>	- 1	91		Γ					J		T			T	٦	_	1
<u> </u>		92		Ĺ					]					Ι			1
<u> </u>		93		L		L			1		Ĺ			L	_		]
ļ	1	94	L	L	_	L			1		L						]
_		95	<u> </u>	L	_	L	_		4	_	ļ	_		L	$\downarrow$		1
	+!	96	<u> </u>	$\vdash$	_	L	4		1		L	_		L	1		1
	+	97 98		$\vdash$	4	_	4		4		1			L	1		1
				<u> </u>	4	_	4		+		H	4		$\vdash$	4		1
	+;	99 00	-	-	4		+		+		$\vdash$	4	_	1	4		1
	1 4	ᄱ		1	- 1		- 1		1		1	- 1		ı	- 1		1

	Claim		Date											
$\vdash$		+-	$\overline{}$	<u> </u>		Ť	ᆜ	Ja	re	_		_	_	_
Final	10													
	101	Ť	T	╛		T		_	十	+	_	-	+	_
	102		Ť	T		T			T	$\dagger$		_	十	_
L	103		I						Τ	1				_
	104		L	$\Box$	_	L				Ι			T	
	105	<u> </u>	_	_		L								
	106	╄	1	4		L	4		1	1			$\perp$	
_	107 108	⊢	╀	[		Ļ	4	_	╀	4			$\perp$	
<u> </u>	109	┼	╀	+		┝	4	_	╀	+	4	_	+-	4
	110	+-	╁	+		┝	+	_	╁	+-	$\dashv$		╁	-
	111	†	t	+		╁	+		╁	╁	┪		╁	4
	112	T	T	7		T	7		T	✝	7		+-	1
	112 113		Γ	T		Γ	1			†	7	_	†	1
	114	L		$\Box$			I							٦
	115	ļ	L	1		L	1		L	L				]
	116	┡	<u> </u>	4	_	_	4		Ļ.,	1	_			_
	117 118	ļ	⊢	+	_	-	+		┞_	╀	4		L	4
	119	├-	┝	+	_	-	+		_	╀	4		-	4
	120	-	╁╴	+	-	_	+	_	┝	╀	+		├-	┥
	120 121 122	1	t	+	_	-	+		-	╁	+		╁	1
	122		1	†	٦	_	$\dagger$			╁	+	_	╁	1
	123			T		_	Ť		$\vdash$	t	†		T	1
	124		L	I			I				1			1
	125 126		ļ_	$\perp$	_						I			]
	126		_	+		_	4	_		<u> </u>	4		_	1
	127 128			╀	4		+	$\dashv$		Ļ	+	_	ļ	1
	129		_	╁	$\dashv$	_	╀	-		├	+	_	-	ł
	130		_	t	+	_	t	$\dashv$		-	+	_	<u> </u>	ł
	131		_	t	7	_	t	7		H	$^{+}$	-		1
	132			T			Ť	7		r	T		_	l
	133						Ī				T	$\neg$		1
	134	4		L	4		L			L	I			]
	135	-		-	4		Ļ	4		<u> </u>	╀			l
	136 137	-	_	╀	4		╀	4			ļ	4		
_	138	┪	_	╁	+		┝	+		_	╀	4	_	
	138 139		_	t	$^{\dagger}$		+	+		_	╁	┪	ᅥ	
	140	$\dashv$	_	T	Ť	_	t	$\dagger$		_	t	7	$\dashv$	
	141				1	_	Γ	1			T	1		
	142				Ι									
$\dashv$	143	_		L	1		Ĺ	I			Γ	I		
_	144	+	_	-	1		L	4	_	_	L	1	$\Box$	
	145 146	+	_	H	+	_	L	+	_		L	4	_	
	147	$\dashv$	-	-	+	_	L	+	$\dashv$		-	+	-	
_	148	+	-	-	+	ᅱ	_	+	-		$\vdash$	+	$\dashv$	
	149	+	٦	-	$\dagger$	$\dashv$		+	ᅥ	_	$\vdash$	+	$\dashv$	
	150	↥		_	1	7	_	$\dagger$	1			+	$\dashv$	
			_	_	_	_		_					_	